

Analysis	Result	Detection Limit	TEF (EPA 2010)	TEQ	
Dioxin/Furans	pg/L	pg/L			
2,3,7,8-TCDD	5	1.02	1	5	
1,2,3,7,8-PECDD	6	1.02	1	6	
1,2,3,4,7,8-HxCDD	U	1.02	0.1	0	
1,2,3,6,7,8-HxCDD	12	1.02	0.1	1.2	
1,2,3,7,8,9-HxCDD	15	1.02	0.1	1.5	
1,2,3,4,6,7,8-HpCDD	U	1.11	0.01	0	
OCDD	19	1.02	0.0003	0.0057	
2,3,7,8-TCDF	4	1.02	0.1	0.4	
1,2,3,7,8-PECDF	12	1.39	0.03	0.36	
2,3,4,7,8-PECDF	U	1.39	0.3	0.417	Contribution from nondetections
1,2,3,4,7,8-HxCDF	U	1.02	0.1	0	
1,2,3,6,7,8-HxCDF	3.99	1.02	0.1	0.399	
2,3,4,6,7,8-HxCDF	U	1.02	0.1	0	
1,2,3,7,8,9-HxCDF	U	1.02	0.1	0	
1,2,3,4,6,7,8-HpCDF	U	1.02	0.01	0	
1,2,3,4,7,8,9-HpCDF	U	1.02	0.01	0	
OCDF	U	1.02	0.003	0	
	Total TEO:		15.2817		
PCBs	pg/L	pg/L			A short list of congeners is used for the example provided
133-HxCB	10.7	7.63			
137-HxCB	5.13	7.63			
194-OcCB	U	15.2			Contribution from nondetections
42-TcCB	2.3	7.63			
18-TrCB	1.2	15.2			
17-TrCB	U	7.63			
34-TrCB	U	7.63			
35-TrCB	12.6	15.2			
95-PeCB	U	7.63			
99-PeCB	U	7.63			
110-PeCB	U	15.2			
132-HxCB	11.5	7.63			
128-HxCB	7.39	15.2			
156-HxCB	12.5	15.2			
136-HxCB	U	7.63			
174-HpCB	U	7.63			
19-TrCB	U	15.2			
27-TrCB	U	7.63			
32-TrCB	4.05	7.63	Total (Detections)	Total (Non-Detections)	
Total PCBs:		74.97	67.37	7.6	
PAHs	ug/L	ug/L	TEF (EPA, 2010)	TEQ	
LPAH Acenaphthene	4	0.1	--	--	
LPAH Acenaphthylene	U	0.1	--	--	Contribution from nondetections
LPAH Anthracene	U	0.1	--	--	
HPAH, cPAH Benzo(a)anthracene	14	0.1	0.1	1.4	
HPAH, cPAH Benzo(a)pyrene	8	0.1	1	8	
HPAH, cPAH Benzo(b)fluoranthene	U	0.1	0.1	0.1	Contribution from nondetections
HPAH Benzo(g,h,i)perylene	U	0.1	--	--	
HPAH, cPAH Benzo(k)fluoranthene	5	0.1	0.01	0.05	
cPAH Chrysene	9	0.1	0.001	0.009	
HPAH, cPAH Dibenz(a,h)anthracene	U	0.1	1	1	
HPAH Fluoranthene	U	0.1	--	--	
LPAH Fluorene	3	0.1	--	--	
HPAH, cPAH Indeno(1,2,3-c,d)pyrene	15	0.1	0.1	1.5	
LPAH 2-Methylnaphthalene	6	0.1	--	--	
LPAH Naphthalene	U	0.1	--	--	
LPAH Phenanthrene	U	0.1	--	--	
HPAH Pyrene	4	0.1	--	--	
		cPAH TEQ	12.05	Total (Detections)	Total (Non-Detections)
		Total LPAH	13.05	13	0.05
		Total HPAH	46.05	46	0.05
Pesticides	ug/L	ug/L			
Aldrin	0.75	0.05			
2,4-DDD	U	0.1			Contribution from nondetections
4,4-DDD	0.12	0.1			
2,4-DDE	U	0.1			
4,4-DDE	0.98	0.1			
2,4-DDT	U	0.1			
4,4-DDT	0.52	0.1			
Dieldrin	U	0.1			
alpha or cis-chlordane	U	0.05			Contribution from nondetections
gamma or trans-chlordane	0.25	0.05			
oxychlor	U	0.05			
cis-nonachlor	U	0.05			
trans-nonachlor	0.45	0.05	Total (Detections)	Total (Non-Detections)	
Total DDx		1.67	1.62	0.05	
Total chlordanes		0.725	0.7	0.025	